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(21) International Application Number: PCT/EP00/02673 (22) International Filing Date: 24 March 2000 (24.03.00) (30) Priority Data: 99400807.6 1 April 1999 (01.04.99) EP (71) Applicant (for all designated States except US): NORTEL MATRA CELLULAR [FR/FR]; 1, place des Frères Montgolfier, F-78928 Guyancourt Cédex 9 (FR). (72) Inventor; and (75) Inventor/Applicant (for US only): FAUCONNIER, Denis [FR/FR]; 13, avenue Guy de Coubertin, F-78470 Saint-Rémy-lès-Chevreuse (FR). (74) Agents: BIRD, William, Edward et al.; Bird Goën & Co., Vilvoordsebaan 92, B-3020 Winksele (BE).		(81) Designated States: CA, CN, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>																											
(54) Title: METHOD AND APPARATUS FOR CHANGING RADIO LINK CONFIGURATIONS IN A MOBILE TELECOMMUNICATIONS SYSTEM WITH SOFT HANDOVER (57) Abstract <div style="display: flex;"> <div style="flex: 1;"> <p>A telecommunications system and a method of operating the same are described in which mobile terminals may communicate with base station transceivers over an air interface, a communication to another user terminal being supported in macrodiversity by radio links between a plurality of base station transceivers and a mobile terminal. The radio links in macrodiversity have a set of common radio link configuration parameters. When a change in the common configuration is necessary, the system transmits a radio link configuration change message to each of the base station transceivers and the mobile terminal and waits before implementation of the radio link configuration change until an acknowledgement has been received from at least one base station transceiver in transmitting communication with the mobile terminal, at least one base station transceiver in receiving communication with the mobile terminal and the mobile terminal.</p> </div> <div style="flex: 2;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Mobile terminal 7</th> <th style="width: 40%;">Node "B"</th> <th style="width: 30%;">RNC 8</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>New configuration?</td> </tr> <tr> <td></td> <td></td> <td>Confirm</td> </tr> <tr> <td></td> <td></td> <td>New configuration?</td> </tr> <tr> <td></td> <td></td> <td>Confirm</td> </tr> <tr> <td>Application noted at node B</td> <td></td> <td>Apply on uplink</td> </tr> <tr> <td>New configuration applied on uplink</td> <td></td> <td>Detect new configuration on uplink at Node B</td> </tr> <tr> <td>Detect at mobile terminal</td> <td></td> <td>Apply on downlink</td> </tr> <tr> <td></td> <td></td> <td>Confirm application downlink</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Receipt of sufficient number of confirmations</div> <div>Detect at RNC, application can be applied on downlink</div> </div> </div> </div>			Mobile terminal 7	Node "B"	RNC 8			New configuration?			Confirm			New configuration?			Confirm	Application noted at node B		Apply on uplink	New configuration applied on uplink		Detect new configuration on uplink at Node B	Detect at mobile terminal		Apply on downlink			Confirm application downlink
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